



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second Year Electrical Engineering from NMU Jalgaon to DBATU

SEMESTER-III

Sr. No.	NMU Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit Pt.	Code	Subject	Credit Pt.
1	163101	Engineering Mathematics – III(TH)	4	BTBS301	Engineering Mathematics-III	4
2	163102	Power Plant Engineering (TH)	3	BTEEC303	Fluid mechanics and Thermal Engineering	3
3	163103	Electrical Measurement – I (TH)	4	BTEEC304	Measurement and Instrumentation	3
4	163104	Power System – I (TH)	3	BTEEC402	Power System-I	3
5	163105	Electrical Engg. Materials (TH)	3	BTEEE305	Elective - I A-Electrical Engineering Materials	3
6	163308	Electrical Workshop (LAB)	1	BTEEM309	Electrical Workshop/Mini Project	1
7	163309	Electrical Measurement – I (LAB)	1	BTEEL308	Measurement and Instrumentation LAB	1
8	163310	Electrical Engg. Materials (LAB)	1	BTEEM309	Electrical Workshop/Mini Project	1

Total Credits of First Semester at NMU, Jalgaon- 23

SEMESTER-IV

Sr. No.	NMU Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit Pt.	Code	Subject	Credit Pt.
1	164111	Analog & Digital Electronics (TH)	3	BTEEE406	Elective-II B- Analog and Digital Electronics	2
2	164112	Network Analysis (TH)	4	BTEEC302	Network Analysis and Synthesis	3
3	164113	Electrical Machine – I (TH)	4	BTEEC401	Electrical Machine – I	4

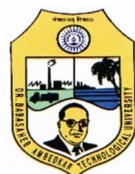
4	164114	Electrical Installation Estimation & Distribution (TH)	3	BTEEC403	Electrical Installation & Estimation	3
5	164115	Numerical Techniques (TH)	3	BTEEC404	Numerical Methods and Programming	3
6	164316	C – Programming / MATLAB(LAB)	2	BTEEL 410	Numerical Methods and Programming Lab	1
7	164317	Analog & Digital Electronics(LAB)	1	BTEEEL411	Analog & Digital Electronics(LAB)	1
8	164318	Network Analysis(LAB)	1	BTEEL307	Network Analysis and Synthesis	1
9	164319	Electrical Machines – I (LAB)	1	BTEEL408	Electrical Machines – I (LAB)	1
10	164320	Electrical Installation Estimation & Distribution (LAB)	1	BTEEL 409	Power System lab-I	1

Total Credits of Second Semester at NMU, Jalgaon- 23

- For students getting transferred to DBATU after passing all the subjects of Second Year at NMU Jalgaon: The CGPA will be carried forward and the credits earned will be considered at actual.
- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at NMU Jalgaon: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.
- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per NMU for the subjects in which the student is passed from NMU. The grade calculation for the subjects passed in DBATU will be as follows:

*** Grade Point Calculation for Students transferred from NMU to DBATU ***

$$\text{Total Marks (100)} = (\text{INT of NMU} * 2) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second year Electrical Engineering from Dr.BAMU to Dr.BATU

SEMESTER-III

Sr. No.	Dr. BAMU Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	BSH/201	Mathematics-III		BTBS301	Engineering Mathematics-III	4
2	EED/202	Transformer and DC Machines		BTEEC401	Electrical Machine – I	4
3	EED/203	Electrical Measuring Techniques		BTEEC304	Measurement and Instrumentation	3
4	EED/204	Electrical Power Generation and its Economics		BTEEC402	Power System-I	3
5	EED/205	Electrical Engineering Materials		BTEEE305	Elective -I A-Electrical Engineering Materials	3

Total Credits of First Semester at BAMU, Aurangabad -

SEMESTER-IV

Sr. No.	Dr. BAMU Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	BSH/252	Mathematics-IV		BTEEC404	Numerical Methods and Programming	3
2	EED/253	AC Machines		BTEEC401	Electrical Machine – I	4
3	EED/254	Network Analysis		BTEEC302	Network Analysis and Synthesis	3
4	EED/255	Electrical Power Transmission and Distribution		BTEEC403	Electrical Installation & Estimation	3
5	EED/256	Analog and Digital Circuits		BTEEE406(B)	Elective-II B- Analog and Digital Electronics	2

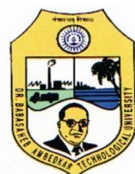
* **Note:** - If in either one semester Computer Fundamentals I or II of Dr. BAMU is not cleared, the student will have to appear for Basic Computer Programming of Dr. BATU.

Total Credits of Second Semester at BAMU, Aurangabad -

- For students getting transferred to DBATU after passing all the subjects of Second Year at BAMU, Aurangabad: The CGPA will be carried forward and the credits earned will be considered at actual.
- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at BAMU, Aurangabad: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.
- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per BAMU, Aurangabad for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:

*** Grade Point Calculation for Students transferred from DBAMU to DBATU ***

$$\text{Total Marks (100)} = (\text{INT of DBAMU} * 2) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second Year Electrical Engineering from RTMU Nagpur to DBATU

SEMESTER-III

Sr. No	RTMNU Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1		Applied Mathematics-III		BTBS301	Engineering Mathematics-III	4
2	BEELE302T	Non conventional energy sources	4	BTEEOE407(B)	Elective-III B-Introduction to Non conventional energy sources	2
3	BTEELE303T	Electrical Measurement and Instrumentation	6	BTEEC304	Measurement and Instrumentation	3
4	BEELE304T	Network Analysis	6	BTEEC302	Network Analysis and Synthesis	3
5	BEELE305T	Electronic devices and circuits	6	BTEEE406(B)	Elective-II B- Analog and Digital Electronics	2

Total Credits of First Semester at RTMU, Nagpur -

SEMESTER-IV

Sr.No	RTMNU Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1		Applied Mathematics-IV		BTEEC404	Numerical Methods and Programming	3
2	BEELE402T	Elements of Electromagnatics	5	BTEEE406(C)	Elective-II C-Electromagnetic Theory	2
3	BEELE403T	Digital and Linear Electronics Ciruits	5	BTEEE406(B)	Elective-II B- Analog and Digital Electronics	2
4	BEELE404T	Electrical Machines -I	6	BTEEC401	Electrical Machine – I	3
5	BEELE305T	Computer Programming	6	BTEEL 410	Numerical Methods and Programming Lab	1

Total Credits of Second Semester at RTMU, Nagpur -

- For students getting transferred to DBATU after passing all the subjects of Second Year at RTMU NAGPUR: The CGPA will be carried forward and the credits earned will be considered at actual.
 - For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at RTMU NAGPUR: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.
 - For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per RTMU NAGPUR for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:
- * Grade Point Calculation for Students transferred from RTMU NAGPUR to DBATU ***

$$\text{Total Marks (100)} = (\text{INT of RTMU NAGPUR} * 2) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second Year Electrical Engineering from SGBAU Amravati to DBATU

SEMESTER-III

Sr. No.	SGBAU SUBJECT(Syll. 2018-19)			Sr. No.	Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit Point		Code	Subject	Credit Point
1	3SEE1	Electrical And Electronics Engg.	5	1	BTEEE406(B)	Elective-II B- Analog and Digital Electronics	2
2	3SEE2	Network Analysis	4	2	BTEEC302	Network Analysis and Synthesis	3
3	3SEE3	Energy Resources And Generation	4	3	BTEEC402	Power System-I	3
4	3SEE4	Electronic Devices And Circuits	3	4	BTEEE406(B)	Elective-II B- Analog and Digital Electronics	2
5	3SEE5	Electrical Measurement And Instrumentation	2	7	BTEEC304	Measurement and Instrumentation	3

NOTE :- 1) Basic Civil Engineering, 2) Energy and Environmental Engineering, 3) Communication Skill, 4) Basic Civil Engineering Lab, 5) Communication Skill Lab are not in SGBAU syllabus.

Total Credits of First Semester at SGBAU Amravati – 18

SEMESTER-IV

Sr. No.	SGBAU SUBJECT(Syll. 2018-19)			Sr. No.	Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit Point		Code	Subject	Credit Point
1	4SEE1	Electrical Machine I	5	1	BTEEC401	Electrical Machine – I	4
2	4SEE2	Electromagnetic Theory	4	2	BTEEE406(C)	Elective-II C- Electromagnetic Theory	2
3	4SEE3	Linear Integrated Circuits	5	3	BTEEDEL405	Elective –II (A) Solid State Devices	2
4	4SEE4	Signals And Systems	4	4	BTEEE305(C)	Elective-I C- Signals And Systems	
5	4SEE5	Numerical Methods And Computer	2	5	BTEEC404	Numerical Methods And Programming	3

		Programming					
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NOTE :- 1) Basic Electronics Engineering, 2) Basic Electronics Engineering Lab are not in SGBAU syllabus.

Total Credits of Second Semester at SGBAU Amravati – 22
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*** Grade Point Calculation for Students transferred from SGBAU to DBATU ***

Total Marks (100) = (INT of SGBAU * 2) + End Semester Marks of DBATU

- For students getting transferred to DBATU after passing all the subjects of Second Year at SGBAU AMRAVATI: The CGPA will be carried forward and the credits earned will be considered at actual.
- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at SGBAU AMRAVATI: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.
- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per SGBAU AMRAVATI for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:

*** Grade Point Calculation for Students transferred from SGBAU AMRAVATI to DBATU ***

Total Marks (100) = (INT of SGBAU AMRAVATI* 2) + End Semester Marks of DBATU



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second Electrical Engineering from SU, Solapur to DBATU

Semester-III

Sr. No.	Solapur University Subjects(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1		Engineering Mathematics-III		BTBS301	Engineering Mathematics-III	4
2		Electrical Machine-I		BTEEC401	Electrical Machine – I	4
3		Electronic Devices and Circuits		BTEEE406(B)	Elective-II B- Analog and Digital Electronics	2
4		Electrical Measurement & Instrumentation		BTEEC304	Measurement and Instrumentation	3
5		Power Plant Engineering		BTEEC303	Fluid mechanics and Thermal Engineering	3

Semester-IV

Sr. No.	Solapur University Subjects(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1		Numerical Methods & Computer Programming		BTEEC404	Numerical Methods and Programming	4
2		Electrical Machine-II		BTEEC401	Electrical Machine – I	4
3		Elements of Power Systems		BTEEC402	Power System-I	3
4		Analog & Digital Integrated Circuits		BTEEE406(B)	Elective-II B- Analog and Digital Electronics	2
5		Network Analysis		BTEEC302	Network Analysis and Synthesis	3

There is no credit based system at Solapur University, Solapur for B.E. Program

- **For students getting transferred to DBATU after passing all the subjects of Second Year at Solapur University Solapur:- The total marks will be carried forward at actual and CGPA will be calculated by following conversion as mentioned in Solapur University Solapur.**

CONVERSION OF CGPA TO PERCENTAGE MARKS AND VICE VERSA

- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject from DBATU Lonere as mentioned in the table above. The total marks obtained at end semester exam of DBATU will be converted to Hundred by following conversion. Once student clears all subjects, CGPA will be calculated by above formula.

Total Marks (100) = (INT of SU SOLAPUR* 1.33) + End Semester Marks of DBATU



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second Electrical Engineering from Shivaji University Kolhapur to DBATU

SEMESTER-III

Sr. No.	Shivaji University Subjects(Syll. 2018-19)			Equivalent Subject to DBATU(Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1		Engineering Mathematics-III		BTBS301	Engineering Mathematics-III	
2		Analog Electronics		BTEE406(B)	Elective-II B- Analog and Digital Electronics	2
3		Electrical Circuit Analysis		BTEEC302	Network Analysis and Synthesis	3
4		DC Machines and Transformers		BTEEC401	Electrical Machine – I	4
5		Generation & Its Economics		BTEEC402	Power System-I	3

SEMESTER-IV

Sr. No.	Shivaji University Subjects			Equivalent Subject to DBATU		
	Code	Subject	Credit	Code	Subject	Credit
1		Signals and System		BTEEE305(C)	Elective-I C- Signals and System	3
2		A.C. Machines		BTEEC401	Electrical Machine – I	4
3		Industrial Management and Economics		BTHM306	Engineering Economics	2
4		Electrical Measurement		BTEEC304	Measurement and Instrumentation	3
5		Digital Systems and Microprocessors		BTEEOEL305	C) Signals and Systems	3

There is no credit based system at Shivaji University for B.E. Program

- For students getting transferred to DBATU after passing all the subjects of Second Year at Shivaji University Kolhapur: The total marks will be carried forward at actual and CGPA will be calculated by following conversion as mentioned in Shivaji University Kolhapur.

CONVERSION OF CGPA TO PERCENTAGE MARKS AND VICE VERSA

- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject from DBATU Lonere as mentioned in the table above. The total marks obtained at end semester exam of DBATU will be converted to Hundred by following conversion. Once student clears all subjects, CGPA will be calculated by above formula.

$$\text{Total Marks (100)} = \text{End Semester Marks of DBATU} * 1.66$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second Electrical Engineering from MU Mumbai to DBATU

SEMESTER-III

Sr. No.	MU Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit Pt.	Code	Subject	Credit Pt.
1	EEC301	Applied Mathematics-III	5	BTBS301	Engineering Mathematics-III	4
2	EEC302	Electronic Devices and Circuits	4	BTEE406(B)	Elective-II B- Analog and Digital Electronics	2
3	EEC303	Conventional and Non Conventional Power Generation	4	BTEOE407(B)	Elective-III B-Introduction to Non conventional energy sources	3
4	EEC304	Electrical and Electronics Measurement	4	BTEEC304	Measurement and Instrumentation	3
5	EEC305	Electrical Machine-I	4	BTEEC401	Electrical Machine-I	4
6	EEL301	Electrical and Electronics Measurement Lab	1	BTEEL309	Measurement and Instrumentation Lab	2
7	EEL302	Object Oriented Programming and Methodology Lab	2	BTEEC 404	Numerical Methods and Programming	3
8	EEL303	Electronics Lab-I	1	BTEEL 411	Elective-II B- Analog and Digital Electronics Lab	1
9	EEL304	Electrical Machine Lab-I	1	BTEEL408	Electrical Machine-I LAB	1

Total Credits of First Semester at MU, Mumbai- 27

SEMESTER-IV

Sr. No.	MU Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit Pt.	Code	Subject	Credit Pt.
1	EEC401	Applied Mathematics-IV	5	BTEEC 404	Numerical Methods and Programming	3
2	EEC402	Power System- I	4	BTEEC402	Power System- I	3
3	EEC403	Electrical Machine-II	4	BTEEC401	Electrical Machine-I	4

4	EEC404	Electromagnetic field and wave theory	4	BTEEE406(C)	Elective-II C-Electromagnetic Theory	2
5	EEC405	Analog and digital integrated circuits	3	BTEE406(B)	Elective-II B- Analog and Digital Electronics	2
6	EEL406	Electrical Networks	4	BTEEC302	Network Analysis and Synthesis	3
7	EEL402	Electrical Machine LAB-II	1	BTEEL 408	Electrical Machine-I Lab	1
8	EEL403	Electronics Lab-II	1	BTEEL 411	Elective-II B- Analog and Digital Electronics Lab	1
9	EEL404	Electrical Workshop	1	BTEEM309	Electrical Workshop/ mini project	1

Total Credits of Second Semester at MU, Mumbai- 27

- For students getting transferred to DBATU after passing all the subjects of Second Year at MU Mumbai: The CGPA will be carried forward and the credits earned will be considered at actual.
- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at MU Mumbai: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.
- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per MU Mumbai for the subjects in which the student is passed from MU. The grade calculation for the subjects passed in DBATU will be as follows:

* Grade Point Calculation for Students transferred from MU Mumbai to DBATU *

$$\text{Total Marks (100)} = (\text{INT of MU Mumbai} * 2) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second Electrical Engineering from SPPU Pune to DBATU

Semester-III

Sr. No.	SPPU Pune Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	203141	Power generation technologies	4	BTEEC 402	Power System-I	3
2	207006	Engineering mathematics-III	5	BTBS301	Engineering Mathematics-III	4
3	203142	Material Science	5	BTEEE305(A)	Elective-I A-Electrical Engineering Materials	
4	203143	Analog and Digital Electronics	5	BTEEE406(B)	Elective-II B- Analog and Digital Electronics	3
5	203144	Electrical Measurements and Instrumentation	5	BTEEC304	Measurement and Instrumentation	3

Total Credits of First Semester at SPPU, Pune - 25

Semester-IV

Sr. No.	SPPU Pune Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
	203145	Power System-I	4	BTEE402	Power System-I	4
	203146	Electrical Machine-I	5	BTEEC401	Electrical Machine – I	4
	203147	Network Analysis	5	BTEEC302	Network Analysis and Synthesis	2
	203148	Numerical Methods and Computer Programming	6	BTEEC404	Numerical Methods and Programming	3
	203149	Fundamentals of Microcontroller and Applications	5	BTEEOEL305	Elective –I C) Signals and Systems	3

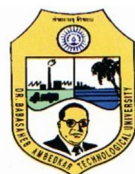
Total Credits of Second Semester at SPPU, Pune - 25

- For students getting transferred to DBATU after passing all the subjects of Second Year at SPPU Pune: The CGPA will be carried forward and the credits earned will be considered at actual.
- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at SPPU Pune: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.

- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per SPPU Pune for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:

*** Grade Point Calculation for Students transferred from SPPU Pune to DBATU ***

$$\text{Total Marks (100)} = \text{End Semester Marks of DBATU} * 1.66$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent subjects of Second Electrical Engineering from SRTMUN to Dr.BATU

SEMESTER-III

Sr. No.	SRTMUN Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	Codes not defined by University	Engineering Mathematics-III	4	BTBS301	Engineering Mathematics-III	4
2		Electrical Machines-I	5	BTEEC401	Electrical Machine – I	4
3		Electrical Measurement and Instrumentation	4	BTEEC304	Measurement and Instrumentation	3
4		Electronics Devices and Circuits	4	BTEEE406(B)	Elective-II B- Analog and Digital Electronics	2
5		Numerical Methods using MATLAB	4	BTEEC404	Numerical methods and programming	3
6		Electrical Workshop and Seminar	1	BTEEM309	Electrical Workshop/ mini project	1

Total Credits of First Semester at SRTMUN, Nanded - 22

SEMESTER-IV

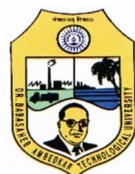
Sr. No.	SRTMUN Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	Codes not defined by University	Engineering Mathematics-IV	4	BTEEC404	Numerical methods and programming	3
2		Electrical Machines-II	5	BTEEC401	Electrical Machine – I	4
3		Analog and Digital Circuits	4	BTEE406(B)	Elective-III B-Introduction to Non conventional energy sources	3
4		Network Analysis	4	BTEEC302	Network Analysis and Synthesis	3
5		Power Plant Engineering	4	BTEEC303	Fluid mechanics and Thermal Engineering	3

Total Credits of Second Semester at SRTMUN, Nanded - 24

- For students getting transferred to DBATU after passing all the subjects of Second Year at SRTMU, Nanded: The CGPA will be carried forward and the credits earned will be considered at actual.
- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at SRTMU, Nanded: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.
- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per SRTMU, Nanded for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:

*** Grade Point Calculation for Students transferred from SRTMUN to DBATU ***

$$\text{Total Marks (100)} = (\text{INT of SRTMUN} * 2) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

**Equivalent subjects of Second Electrical Engineering from Gondwana University,
Gadchiroli to Dr.BATU**

SEMESTER-III

Sr. No.	GUG Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	EP- 301	Applied Mathematics – III	4	BTBS301	Engineering Mathematics-III	4
2	EP- 302	Network Analysis	4	BTEEC 302	Network Analysis and Synthesis	3
3	EP- 303	C & Data Structures	4	BTEEC404	Numerical methods and programming	3
4	EP- 304	Electronic Devices & Circuits	3	BTEEE 406(B)	Elective-II B- Analog and Digital Electronics	2
5	EP- 305	Power Generation Systems	4	BTEEC 402	Power System-I	3
6	EP- 306	Network Analysis	2	BTEEL308	Network Analysis and Synthesis Lab	1
7	EP- 307	C & Data Structures	2	BTEEL 410	Numerical Methods and Programming Lab	1
8	EP- 308	Electronic Devices & Circuits	2	BTEEL 411	Elective-II B- Analog and Digital Electronics Lab	1

Total Credits of First Semester at GU, Gadchiroli - 25

SEMESTER-IV

Sr. No.	GUG Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	EP- 401	Electrical Engineering Mathematics	4	BTBS301	Engineering Mathematics-III	4
2	EP- 402	Electrical Machines - I	4	BTEEC401	Electrical Machine – I	4
3	EP- 403	Analog & Digital Circuits	3	BTEEE 406(B)	Elective-II B- Analog and Digital Electronics	2
4	EP- 404	Electrical Measurements & Instrumentation	3	BTEEC304	Measurement and Instrumentation	3

5	EP- 405	Electro Magnetic Fields	5	BTEEE 406(C)	Elective-II (C) Electromagnetic Theory	
6	EP- 406	Electrical Machines – I	2	BTEEL 408	Electrical Machine-I Lab	1
7	EP- 407	Analog & Digital Circuits	2	BTEEL 411	Elective-II B- Analog and Digital Electronics Lab	1
8	EP- 408	Electrical Measurements & Instrumentation	2	BTEEL3 09	Measurement and Instrumentation Lab	2

Total Credits of Second Semester at GU, Gadchiroli - 25

- For students getting transferred to DBATU after passing all the subjects of Second Year at SRTMU, Nanded: The CGPA will be carried forward and the credits earned will be considered at actual.
- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at SRTMU, Nanded: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.
- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per SRTMU, Nanded for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:

*** Grade Point Calculation for Students transferred from SRTMUN to DBATU ***

Total Marks (100) = (INT of SRTMUN * 2) + End Semester Marks of DBATU